

Karnataka State Pollution Control Board
Dharwad .Plot No. 4,
Lakkamanahalli Industrial Area
Dharwad – 580 004
Ph No. 0836-2462918

ಹಿರಿಯ ಪರಿಸರ ಅಧಿಕಾರಿಗಳ ಕಛೇರಿ
ಪ್ಲಾಟ್ ನಂ. 4, ಲಕ್ಕಮನಹಳ್ಳಿ ಕೈಗಾರಿಕಾ ಪ್ರದೇಶ
ಧಾರವಾಡ- 580 004
ಫೋನ್ ನಂ. 0836-2462918



-----towards a cleaner Karnataka

March 3, 2017

Inspection Notes of C.D.Kumar, SEO, Dharwad

| | |
|------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Name of The Industry visited | M/s. Himalaya Drug Company, Plot No.11/1A & 1B, Makali Village, Bengaluru North Taluk Bengaluru 562162 |
| Date of Visit | 28.02.2017 |
| Officers Accompanied | C.M. Satheesh, SEO M.C. Ramesh, RO J.N. Yogananda DEO |
| Person Contacted | R. Srinivasan Venkatesh |

It is an herbal health care products manufacturing unit for which the Board has issued consent under Water Act 1974 & Air Act 1981 for the period up to 30.06.2021 with conditions. The unit was visited in view of the instructions issued through e-mail dated 04.02.2017 under random inspection of organization identified based on computerized risk assessment. The unit was in operation during visit and following are the observations.

- The major source of water is through tankers and the same is used for both domestic and industrial purposes. The industry has installed RO plant for the treatment of water and rejects are discharged along with washings for further treatment. As ascertained from the records the industry discharges about 60 LPD of sewage per person (about 2300 employees) which appears to be on higher side. The representatives were advised to carry out detailed water auditing immediately in order to reduce both water consumption as well as sewage discharge.
- Combined treatment system of 400 KLD capacity has been provided for the treatment of sewage and trade effluents and the same was in operation during visit. Trade effluents and sewage are received through separate streams for combined treatment based on SBR technology. As per the logbook maintained an average 200-220 KLD of combined effluents treated and discharged on land for gardening/irrigation/plantation within the premises. About 10A of land is earmarked for the said purposes. The analysis report of sample collected by the RO on 22.09.2016 indicates treated effluents are conforming to the standards stipulated.
- The industry has installed 4 DG Sets for which stipulated height chimneys and acoustic enclosures are provided. In addition 4 No's of HSD fired Boilers of 600kg/hr capacity are installed and two common chimneys (one chimney for two Boilers) of height 21 Mts AGL are provided whereas in the consent individual chimneys are stipulated. Further one HSD fired Baby Boiler of 200kg/hr indicated in the CFO has been removed. In this regard the representatives were advised to seek modification to Annexure-II of CFO immediately.
- The industry has obtained Authorisation under HWM Rules 2008 which is valid up to 30.06.2018. In the said authorization category of wastes indicated viz expired/discarded

drugs/medicines and chemical sludge from ETP are to be reexamined. The representatives were advised to apply afresh with full details and justification seeking authorization under new HWM Rules 2016 immediately.

- The industry also carries out pre-clinical study by injecting drugs (herbal liquid & tablets) on trial basis on Rats and Rabbits and generates Biomedical waste. Different categories of BMW generated in being disposed to CBMWTF. The Board has issued Authorisation under BMW Rules for the period up to 30.06.2017.
- Apart from Hazardous and Bio-medical wastes the industry also generated other solid waste both organic (kitchen) and inorganic (packing material, rejected labels, office trash, coconut shell etc) wastes. The organic waste is converted to manure by onsite organic converter and used as manure and inorganic wastes disposed through vendors.
- The industry is having large extent of vacant area within the premises wherein gardening/ plantation could be taken up to improve aesthetic condition.

The industry representatives were instructed to take immediate action to comply with the observations made and to submit report besides RO was instructed to issue notice and take follow-up action.

The photographs taken during visit are enclosed.

Encl. as above

SEO-Dharwad



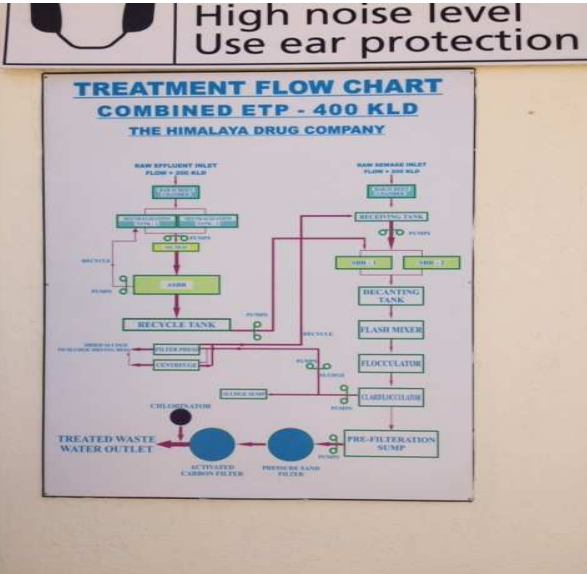
Overview of Combined Treatment system ↑



Plantations for utilizing treated waste water with RWH system ↑



Waste converter ↑



Treatment flow chart ↑

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No. PCB/SEO-DWD/Random IR/2017/

March 3, 2017

To,
The Member Secretary
KSPCB, Bengaluru 560001

Kind Attn. CEO-1, 17 Category Section

Sir,

**Sub: Random inspection of organization identified based on computerized risk
assessment**

Ref: 1. Board Office Memo No. PCB/05/EGV-16/6315 dated 04.02.2017
2. CEO-1 Letter No.PCB/05/Egv-16/1778 dated 02.07.2016

Adverting to the above **M/s. Himalaya Drug Company, Plot No.11/1A & 1B, Makali
Village, Bengaluru North Taluk** was inspected along with SEO-Bengaluru North and
Regional officer, Dasarahalli, Bengaluru on 28.02.2017 and report is enclosed herewith for
further needful action.

Encl. as above

Yours faithfully

SEO – Dharwad

Copy to,

- 1. The Senior Environmental Officer, KSPCB, Bengaluru-North, Urban Eco-Park,
100 Feet Road, 3rd Phase, Peenya Industrial Area, Bengaluru 560 058 for
information.**
- 2. The Regional Officer, KSPCB, Dasarahalli, Urban Eco-Park, 100 Feet Road, 3rd
Phase, Peenya Industrial Area, Bengaluru 560 058 for information and n/a.**